







RBR  
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Poughkeepsie Aug. 6<sup>th</sup> 91.

C. Van Brunt Esq.

LIBRARY  
NEW YORK  
BOTANICAL  
GARDEN.

Dear Sir:

The inclosed is a copy of all the figures  
on my plates which have been determined. I sent a  
copy of Pl. V to J. D. Cox last spring but havn't  
heard from it yet; perhaps I tired him out.

I think that I am familiar with all the forms  
on Pl. VI & VII. As soon as I can get the copy of  
Habichtswal off my hands I will have time to  
photograph the remaining forms - gombhoumias  
synedras &c. which will make about 2 plates  
more with some marine forms like phabdonia  
adriaticum which occasionally wander up as far  
as Poughkeepsie.

I am yours sincerely

J. B. Ward.



List of Hudson River diatoms.

Plate I.

1. *Surirella robusta* Ehr.
2. " *nobilis*, W.Sm.
3. " *striatula*, Turpin.
4. " *inducta*, A. Schmidt.
5. 13. 14. " *linearis*, vars. W.Sm.  
*minuta*, Brb.
6. " *orata*, var. Kdg.
7. " *bifrons*, Kdg.
8. " *biseriata* Brb.
9. 17. " *craticula*, Grus. (not a surirella)
10. " *splendida*, Kdg.
11. " *Rattrayi*, A.S.
12. " *cardinalis*, Kilton. *Guatemalensis*, limosa
15. " *lunula*, Grus.

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Plate II.

1. *Surirella elegans* Ehr.
2. " *Saxonica*, Auerst.
3. " *splendida* Kdg.
4. *Campylodiscus Hibiscioides*, Ehr.
5. " *Echmeis*, Ehr.
6. *Surirella Kiltonii*, A.S.
7. " *robusta*, Ehr.
8. *Hantzschia* (niz) *amphioxys*, Grus.
9. *Nitzschia marinaria*, Grus.
10. " *pulra* (n). W.Sm.
11. " *tryblinella*, Hantzsch.
12. " " "
13. " *punctata*, (Sm) Grus.

14. *Nitzschia marginata* Grm.  
 15. " *circumsuta* (Bail.) Grm.  
 16. *Achnanthis subsessilis* Kig.

Plate III.

- 1+2. *Cymbella gastroids* Kig.  
 3.4.6.7.+10 " *cistula* Ehr.  
 5. *Cocconympha Mexicanum* Ehr.  
 8. *Cymbella excisa* Kig.  
 9. *Cocconympha cornutum* Ehr. (*C. asperum* Ehr?)  
 11. *Cymbella stomatophora*. Grm.  
 12. " *cupidata* K.  
 13. " *Ehrnbergii* K.  
 14. *Nitzschia sigmoida* (K.) W.Sm.  
 15. " *sigma* var. *elongata* (K.) W.Sm.  
 16. *Stauronitis phormicentron* E  
 17.18. " *acuta* W.Sm.  
 19. " *gracilis* E.  
 20. " *anceps*. E.  
 21. *Encyonema prostratum* Ralfs.  
 22. " *turgidum* (Grg) Grm.  
 23. " *triangulum*. Grm.

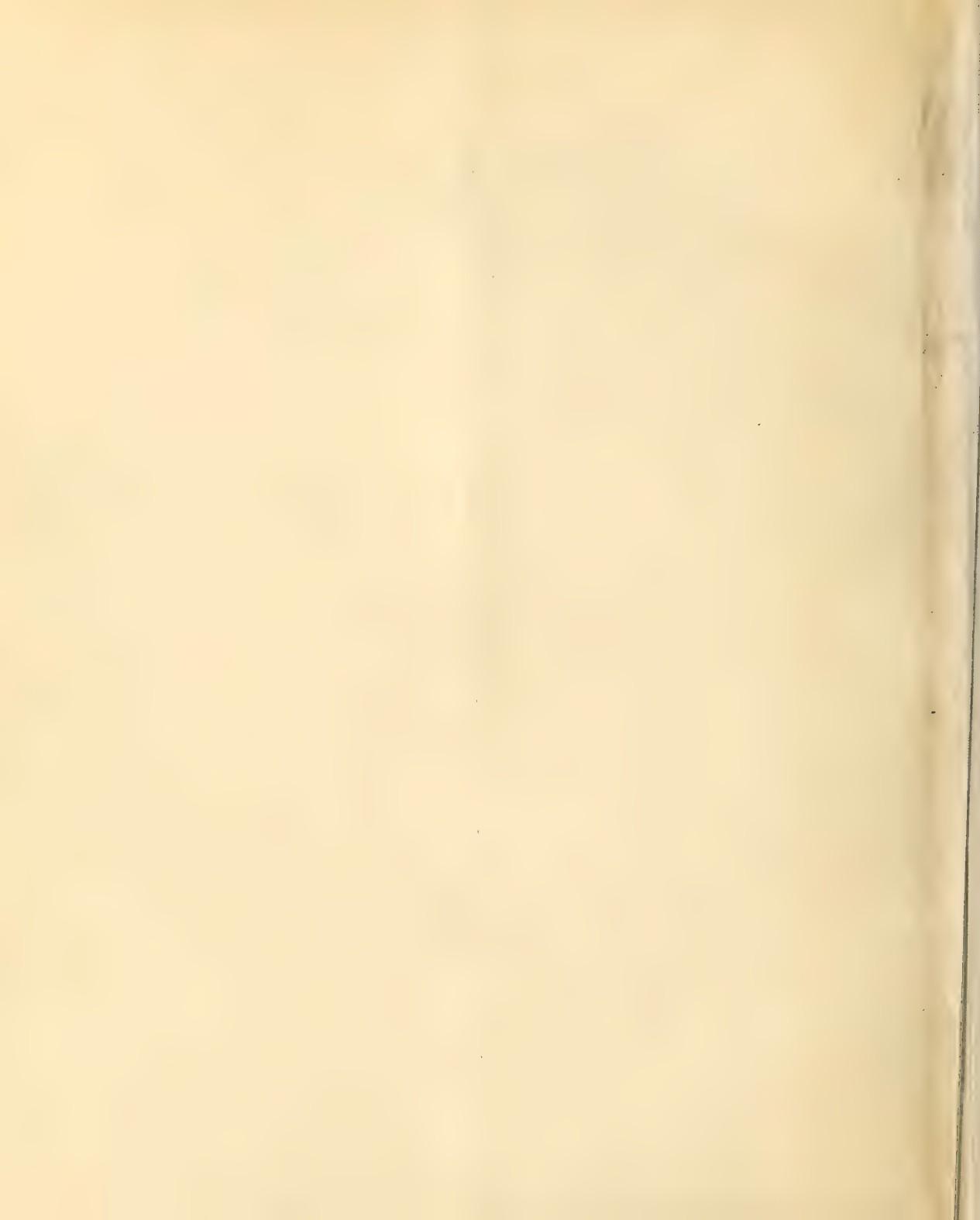
Plate IV.

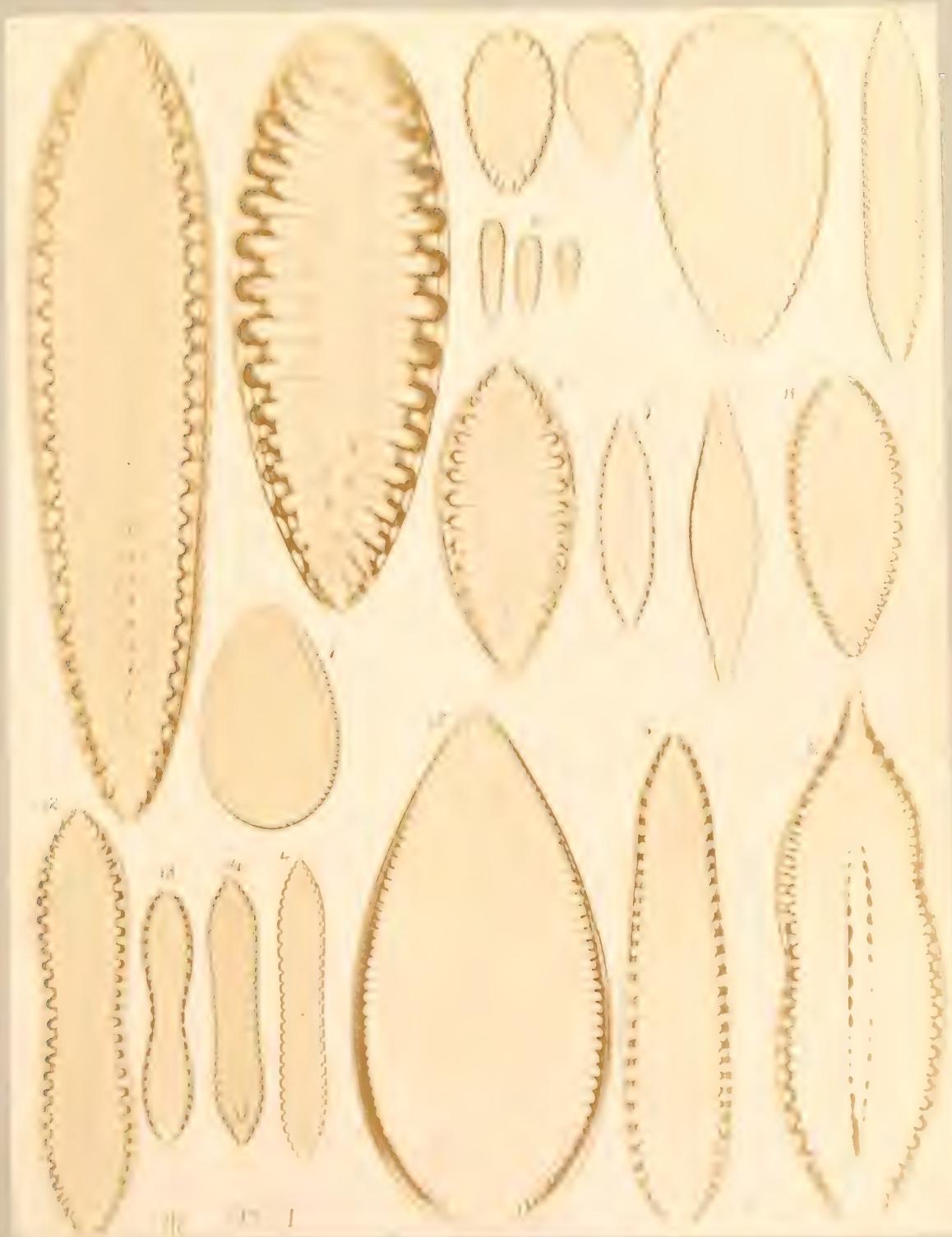
- 1+3. *Tanicula major*. Kig.  
 nobilis. Ehr.  
 2. " *transversa*. A.S.  
 4 " *acrospharia* var.  
 \* 5 " *Dariana*. A.S.  
 6+7 " *vividis* Kig.  
 8.10+11. " *gibba*. Kig.  
 12. " *tegumen*. Ehr.  
 13. " *tegumen*. Ehr.

Hair IV.

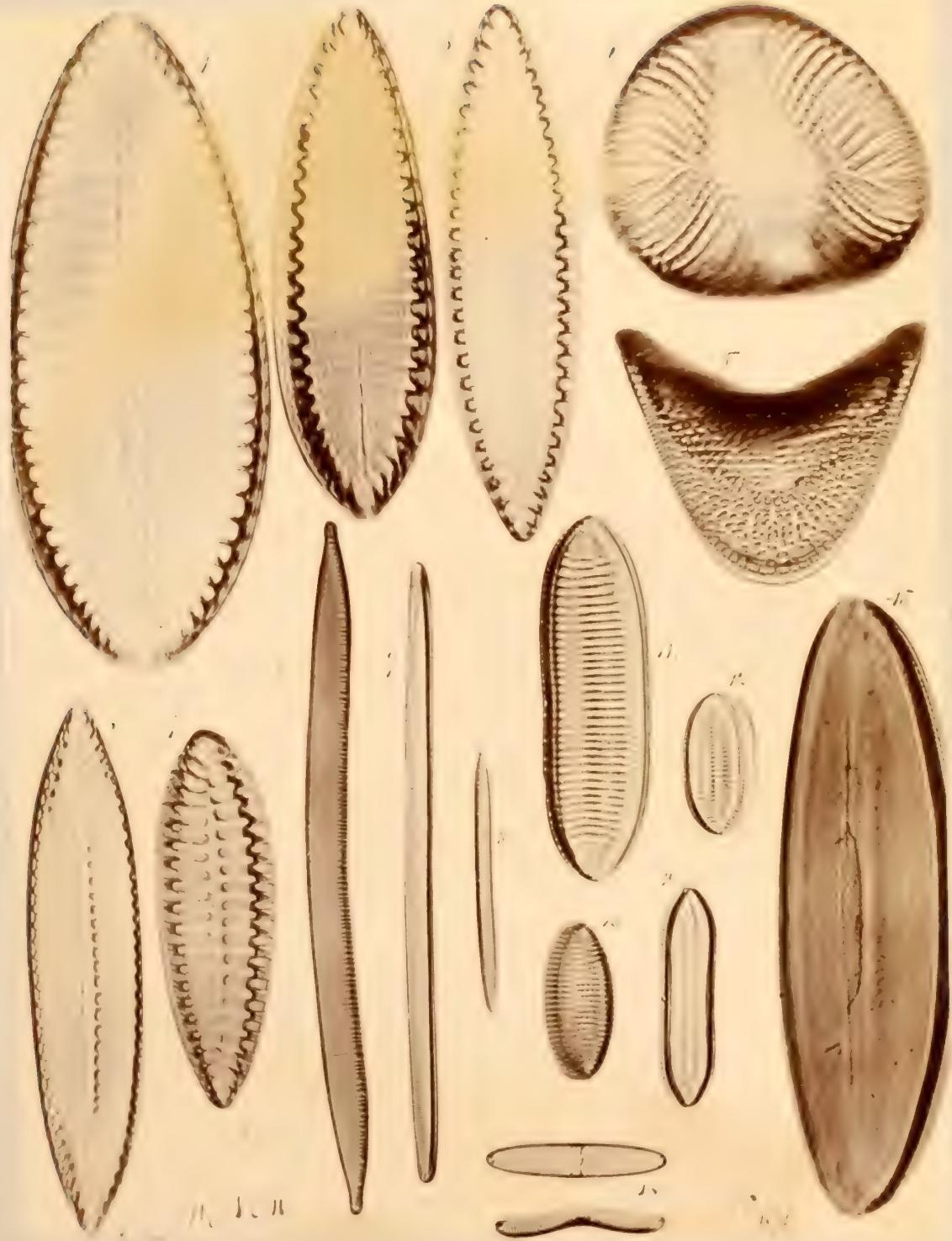
14. *U. u. u.* *U. u.*  
15. (allas 43-12 sp. n. P.)  
16. ?  
17, 18, 19, 20 *H. Barbizonii*, sp.  
21. *U. u.* *U. u.*  
22. *U. u.* *U. u.*  
23. *marina*, Wall.  
24. *U. u.* *U. u.*  
25. *U. leptia*, var. *Stuvarreiformis* Lewis.  
26. *U. u.* *U. u.*  
27. *U. marina* var.

\* No. 5 has been named by Dr. A. G. O. C. Biala





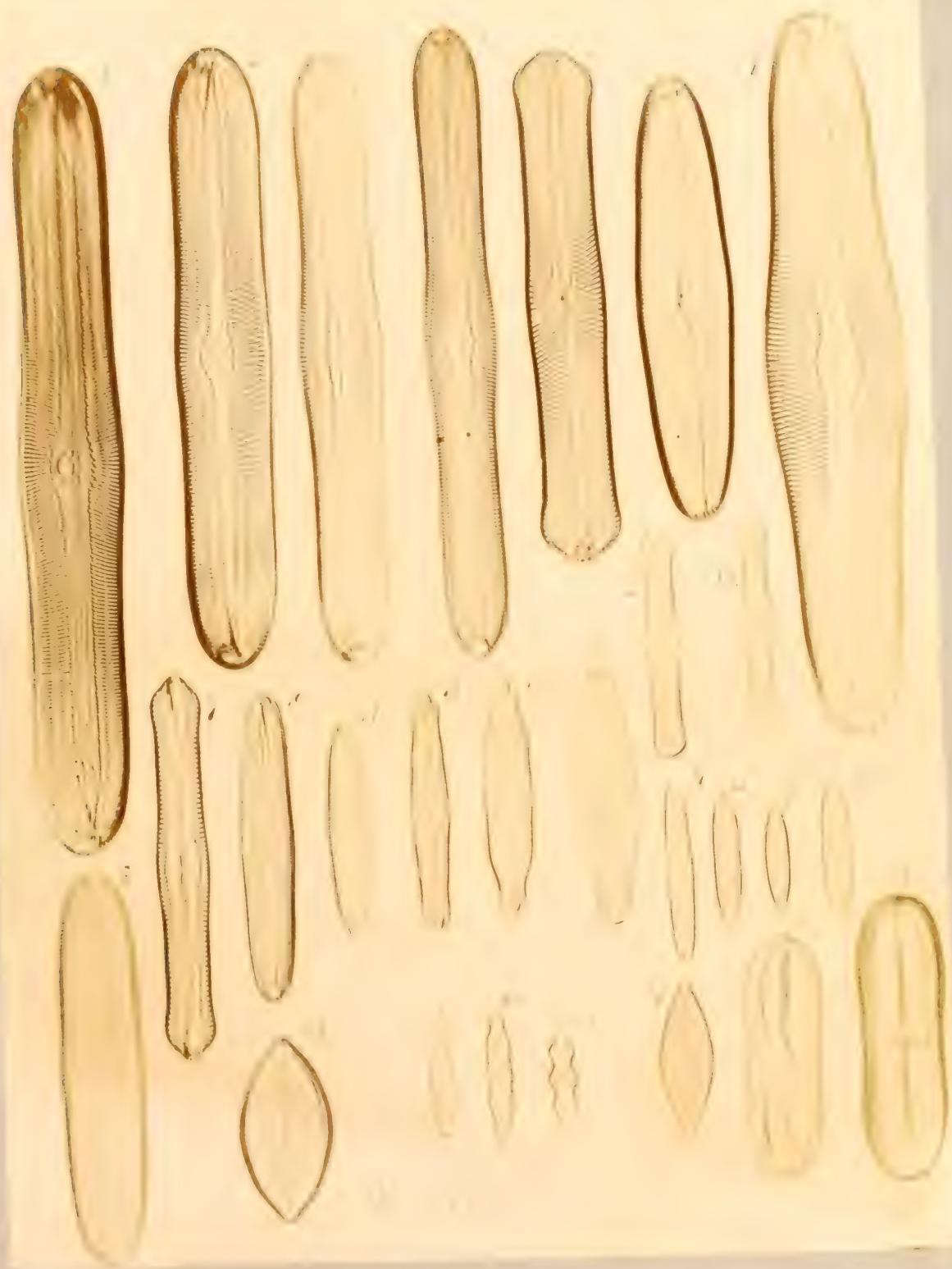
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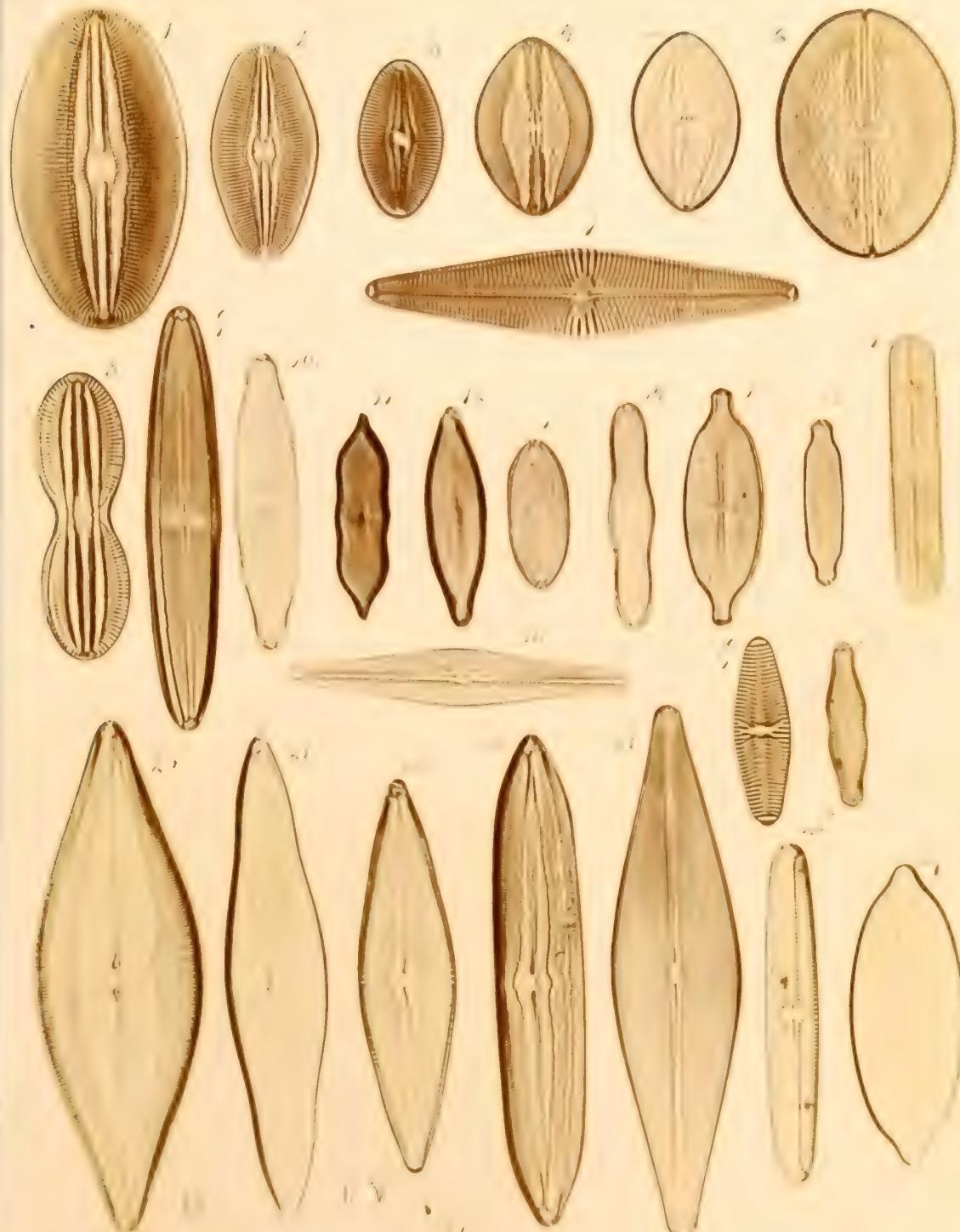
II  
CORNELIUS VAN SKRANT, 219 E. 6th St., N.Y.



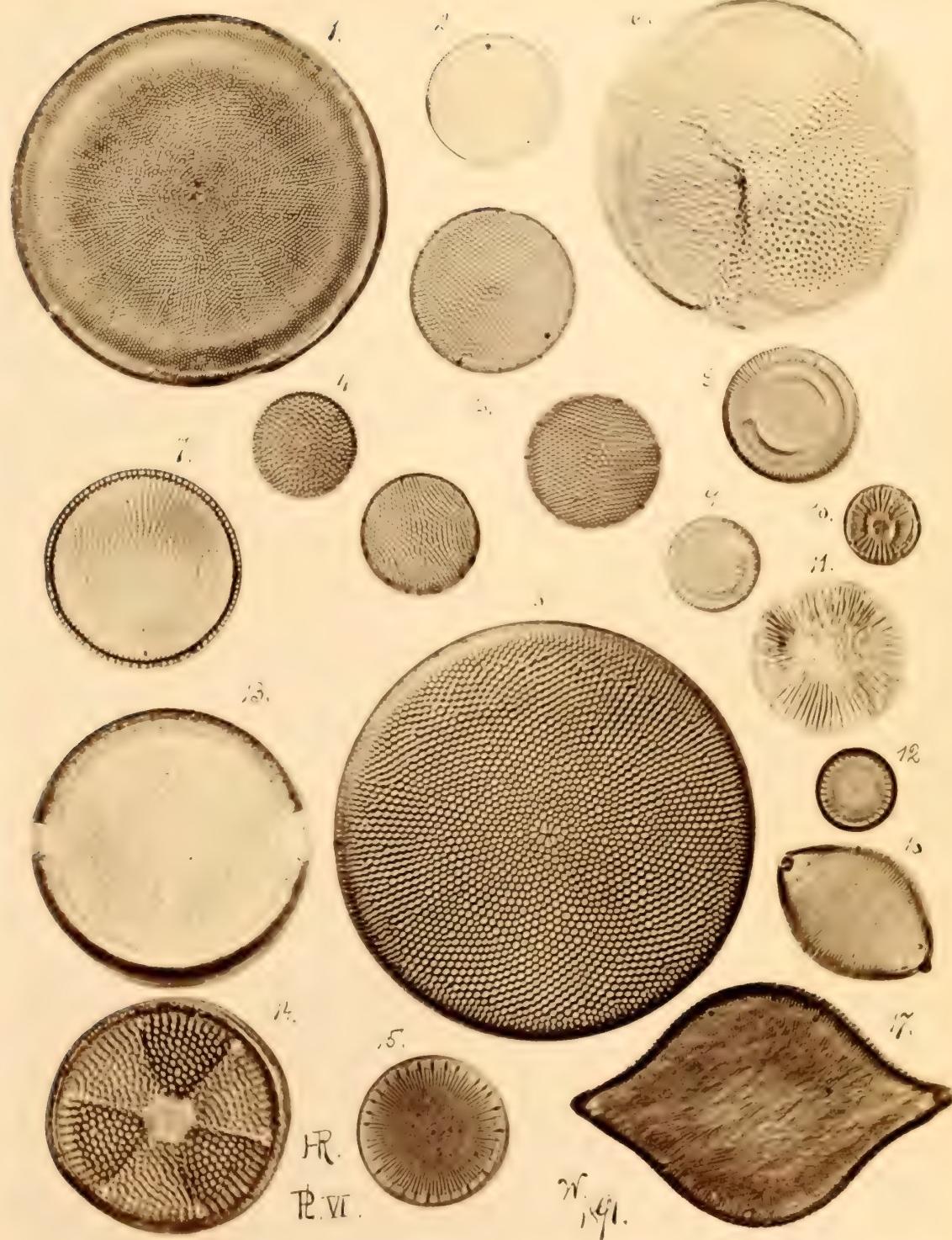
CORNELIUS VAN BRUNT, 319 E. 57th St., N.Y.



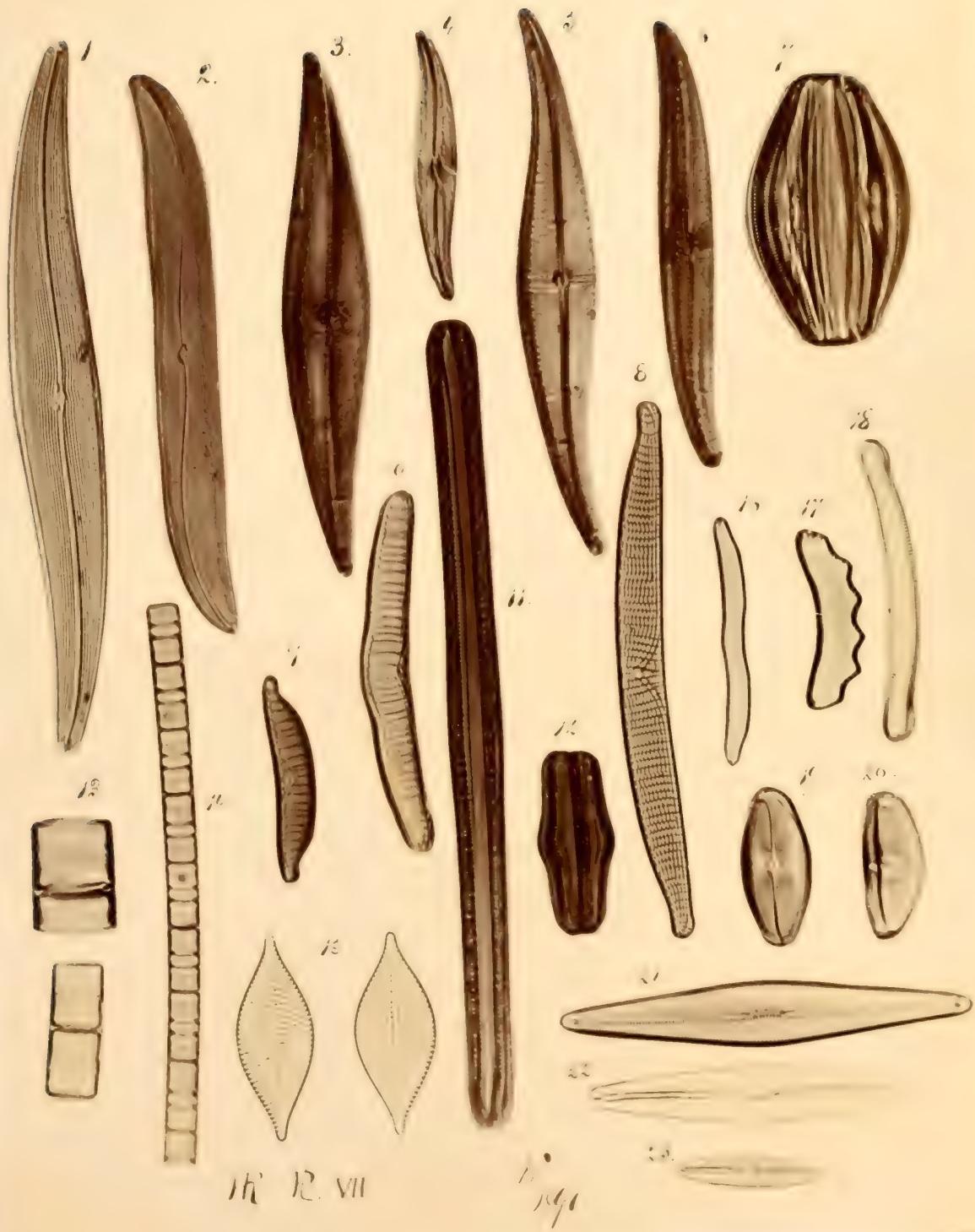
PHILIPS VAN CLEUNT, 30 E. 57th St., N.Y.



~~CORRECTION~~ 1970-1971 L. 2018 S. 100



*SIX*  
CORNELIUS VAN DRUNEN, 319 E. 51st St., No. Y.

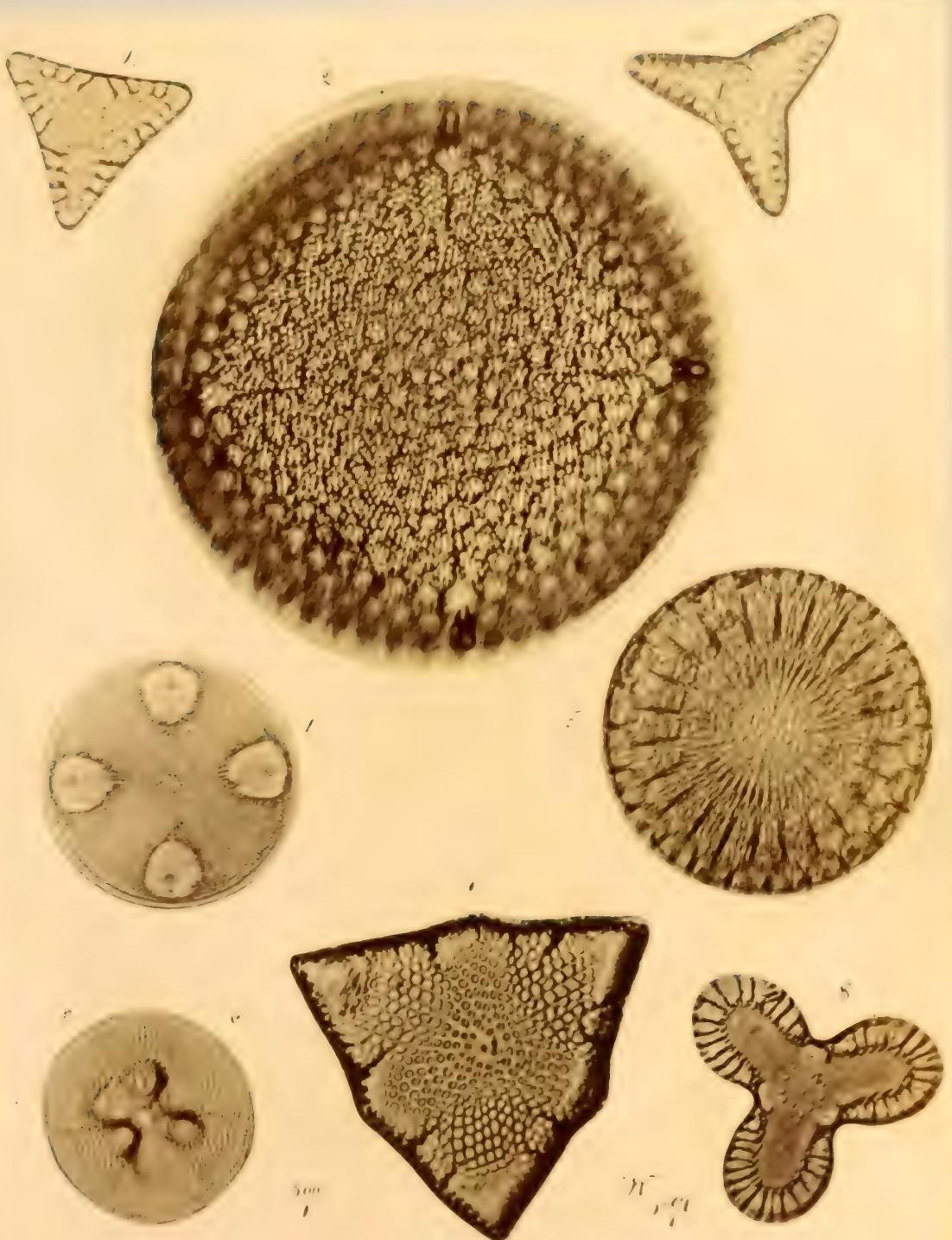


H R VII

fig

VII

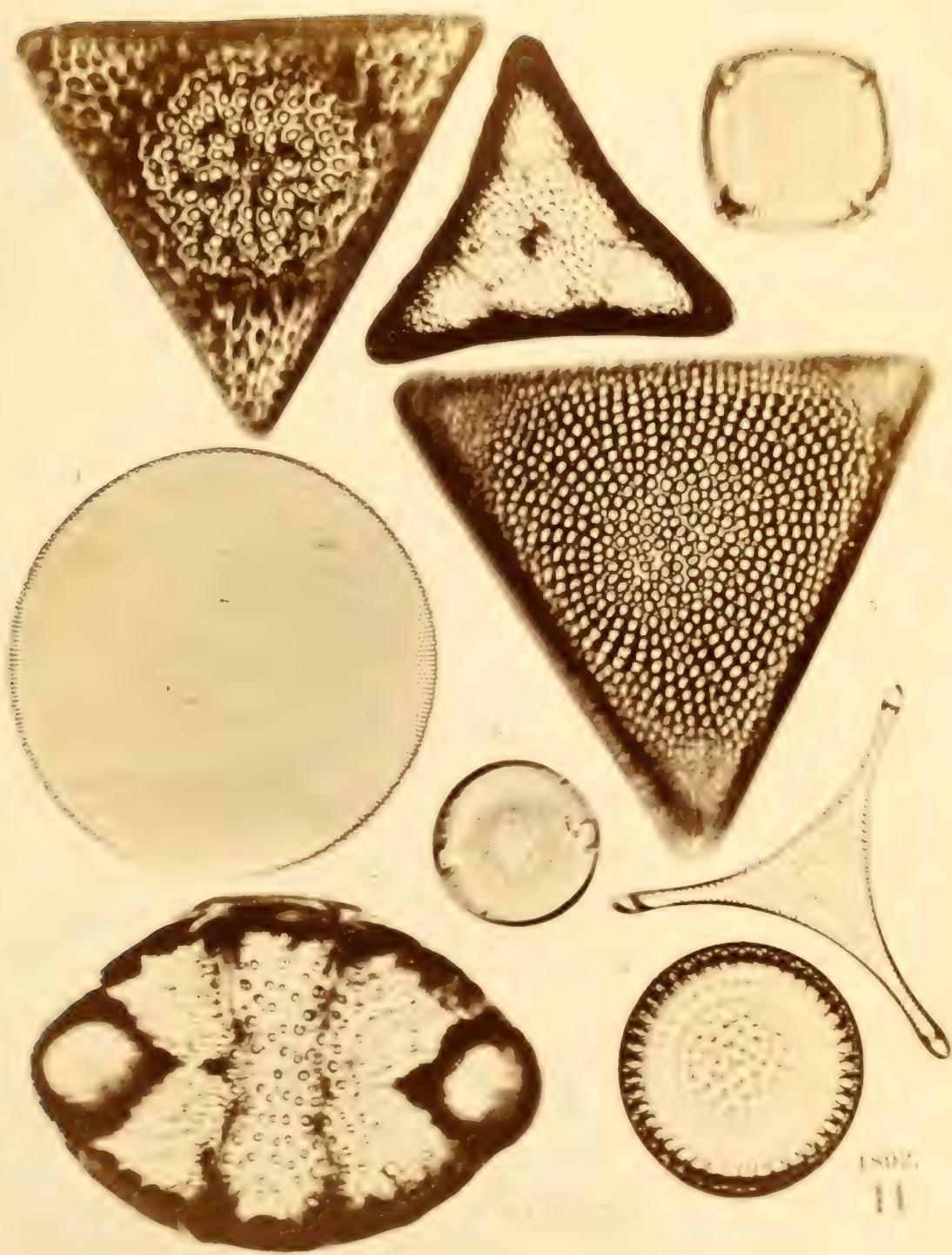
CORNELIUS VAN BRUNNEN, 819 C. 20TH ST. PHILA.



### **PHOTOMICROGRAPHS OF DIATOMS.**

- Fig. 1. *Triceratium picturatum*, Greville, Barbadoes.  
" 2. *Aulacodiscus Thumii*, A. Schmidt, Redondo, Cal.  
" 3. *Triceratium nitescens*, Greville, Oamaru, N. Z.  
" 4. *Aulacodiscus notatus*, Grove & Sturt, Oamaru, N. Z.  
" 5. *Lepidodiscus elegans*, Witt, Sysran, Russia.  
" 6. *Actinoptychus Adamans*, Brun, Barbadoes.  
" 7. *Triceratium Febigerii*, Walker & Chase, Barbadoes.  
" 8. *Triceratium Wittianum*, Truan, Jeremie, Hayti.

**D. B. WARD, M. D., POUGHKEEPSIE, N. Y.**



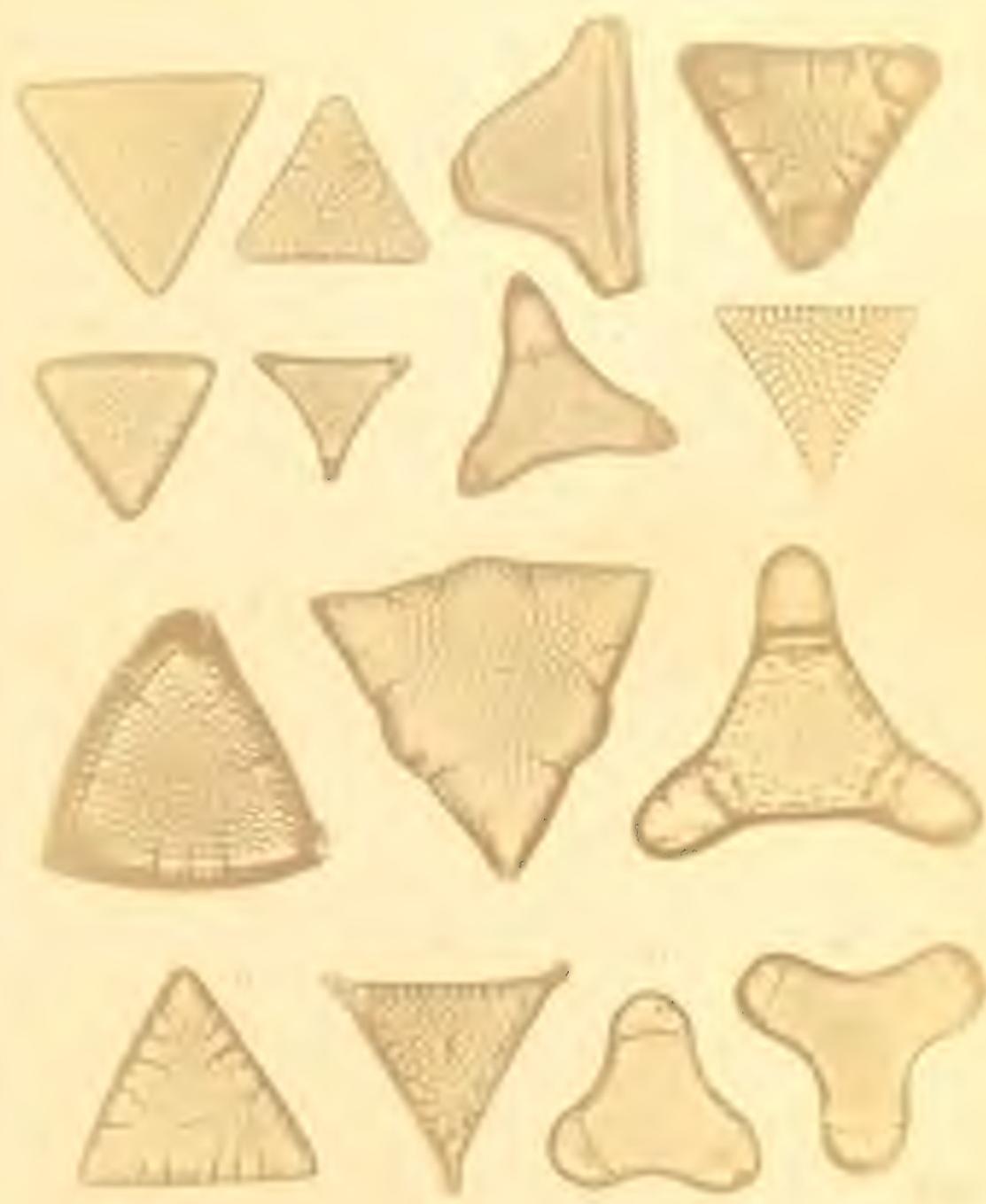
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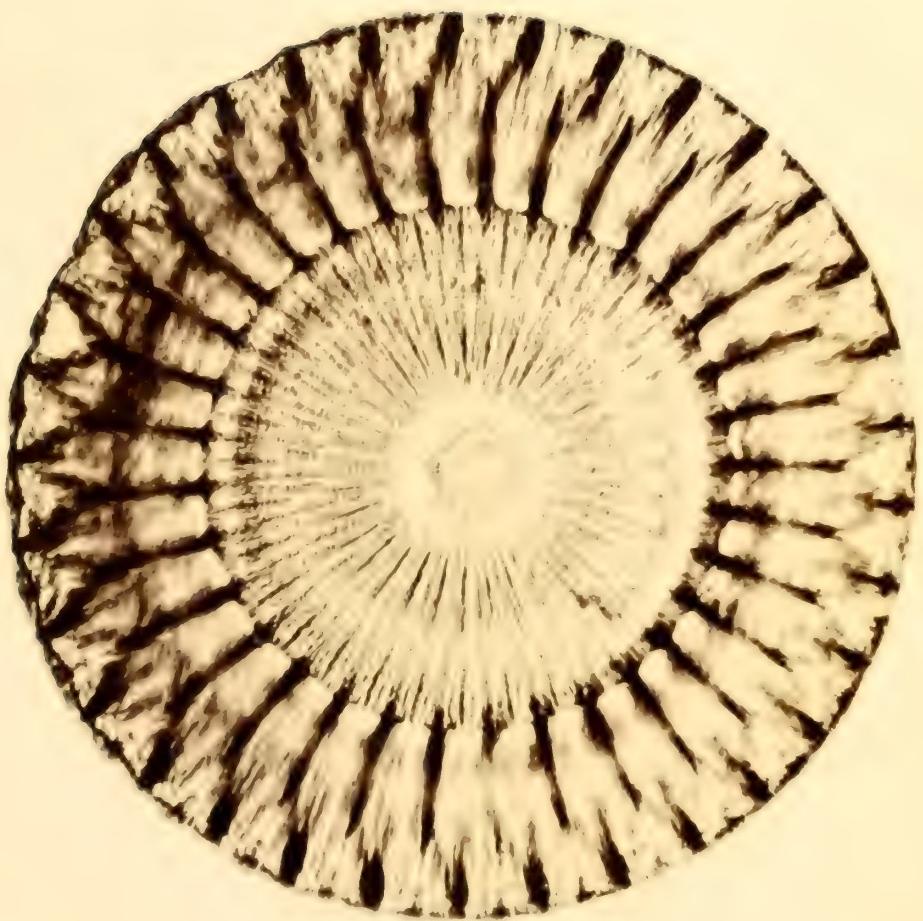
Bardadom





D. C. Alderson





Lepidostrobus elongatus, W.C.











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Ward, David Boyd/List of Hudson River di gen



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